MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8

First & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192387

No. BR- 101/31-5-14

e of work ... Providing covering Slab to Existing Drains at Venkatagiriyappa Layout in Ward no-20, Doddakommasandra, From ... To ...

e of Contractor of nature of Agency ... K.R.I.D.L.

of commencement of work ...

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
Work code NO; 010-14-000045.						
Work order NO:- EE/BTP/BBMP/KRIDL/WO/625/2013-14, Dt 05-03-2014.						
Head of Account; P-0190						
Estimated cost; 12.00 Lakhs.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average throw upto 2 meters and an average lift upto 0.5m, excavated surface						
	Desilting of drain	2	30.00	0.45	0.40 = 10.80 cum		
		2	30.00	0.45	0.45 = 12.15 cum		
		2	23.40	0.45	0.40 = 8.42 cum		
		2	30.00	0.45	0.35 = 9.45 cum		
		2	30.00	0.45	0.40 = 10.80 cum		
		2	11.00	0.45	0.35 = 3.47 cum		
	Berm cutting	2	30.00	0.95	0.25 = 14.25 cum		
		2	30.00	0.85	0.35 = 17.85 cum		

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M. A. R. 57 (R
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al No. ..... From .....
ne of work .....
ne of Contractor of nature of Agency.....
e of commencement of work.....

te	Full description, etc, of work	Dime	
		Number	Length
	2	3	4
		2	23.40
		2	30.00
		2	30.00
		2	11.00
			qty limite
			@ Rs 9

ASUREMENT BOOK

Dimensions				Contents	Referen to las Measure
Number	Length	Breadth	Depth		
3	4	5	6	7	8
) manual means in Hard Soil involving throw upto 2m eters and an average d an average lift upto 0.5m, excavated					
2	30.00	0.45	0.40 =	10.80 cum	
2	30.00	0.45	0.45 =	12.15 cum	
2	23.40	0.45	0.40 =	8.42 cum	
2	30.00	0.45	0.35 =	9.45 cum	
2	30.00	0.45	0.40 =	10.80 cum	
2	11.00	0.45	0.35 =	3.47 cum	
2	30.00	0.85	0.25 =	14.25 cum	
2	30.00	0.85	0.35 =	17.85 cum	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 192333

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	2	23.40	0.85	0.30 =	11.93 cum	
	2	30.00	0.90	0.25 =	13.50 cum	
	2	30.00	0.85	0.35 =	17.85 cum	
	2	11.00	0.80	2.00 =	35.20 cum	
				Total =	165.67 cum	
	Qty limited to Tender =				160.65 cum	
	@ Rs 90.72				Rs 14575.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2	Providing and filling in foundation with granite/trap broken metal 100mm and down size with approved sand including hand packing ramming watering including cost of materials						
		2	30.00	0.60	0.45	= 16.20 cum	
		2	30.00	0.60	0.45	= 16.20 cum	
		2	23.00	0.60	0.45	= 12.42 cum	
		2	30.00	0.60	0.45	= 16.20 cum	
		2	30.00	0.60	0.45	= 16.20 cum	
		2	11.00	0.60	0.45	= 5.94 cum	
					Total	= 83.38 cum	
		Qty limited to tender				= 82.62 cum	
		@ Rs 1776.60					Rs 146783.00

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ne of work .....
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e of commencement of work.....

te	Full description, etc, of work	Numb
	2	3
3)	Providing and laying in P with OPC cement @ 180kg/ coarse aggregate @ 0.85	2 2 2 2 2 2

EMENT BOOK

Dimensions			Contents	Referen to last Measuren
Length 4	Breadth 5	Depth 6	7	8
dation with granite/trap broken with approved sand including ng including cost of materials				
30.00	0.60	0.45 =	16.20 cum	
30.00	0.60	0.45 =	16.20 cum	
23.40	0.60	0.45 =	12.64 cum	
30.00	0.60	0.45 =	16.20 cum	
30.00	0.60	0.45 =	16.20 cum	
11.00	0.60	0.45 =	5.94 cum	
		Total =	83.38 cum	
lomafed to Tender =			82.62 cum	
RS 1776.60			RS 146183.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192339

No. ..... From ..... To .....
e of work .....
e of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
) Providing and laying in position Plain cement concrete of mix M7.5 with opc cement @ 180kgs with 40mm and down size graded metal coarse aggregates @ 0.8 cum and fine aggregates.						
	2	30.00	0.60	0.10 =	3.60 cum	
	2	30.00	0.60	0.10 =	3.60 cum	
	2	23.40	0.60	0.10 =	2.81 cum	
	2	30.00	0.60	0.10 =	3.60 cum	
	2	30.00	0.60	0.10 =	3.60 cum	
	2	11.00	0.60	0.10 =	1.32 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total =	18.53Cum	
					Qty limited to Tender =	18.36Cum	
					@ RS 4290.84	RS 78780.00	
						ಸ.ರಿ.ಅ.	
	9) Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C. works laid in 15cms thick layers and well compacted						
	west	2	30.00	0.60	0.10 =	3.60Cum	
		2	30.00	0.60	0.10 =	3.60Cum	
		2	23.40	0.60	0.10 =	2.81Cum	
		2	30.00	0.60	0.10 =	3.60Cum	

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e of Contractor of nature of Agency.....

of commencement of work.....

e	Full description, etc, of work	Nu
	2	
	RHS walls	
	LHS walls	
	RHS	

ASUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measure 8
			Total =	18.53Cum	
			Qty limited to Tender =	18.36Cum	
			@ Rs 4290.84	Rs 78780.00	

cement concrete using 20mm and down size
dy mixed concrete (RMC) for R.C.C. works
layers and well compacted

2	30.00	0.60	0.10 =	3.60Cum
2	30.00	0.60	0.10 =	3.60Cum
2	23.40	0.60	0.10 =	2.81Cum
2	30.00	0.60	0.10 =	3.60Cum

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192340

No. ..... From ..... To .....

of work .....

of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
RHS walls	2	30.00	0.60	0.10 =	3.60Cum	
	2	11.00	0.60	0.10 =	1.32Cum	
	2	30.00	0.15	0.25 =	2.25Cum	
	2	30.00	0.15	0.30 =	2.70Cum	
	2	23.40	0.15	0.25 =	1.76Cum	
LHS walls	2	30.00	0.15	0.30 =	2.70Cum	
	2	30.00	0.15	0.25 =	2.25Cum	
	2	23.40	0.15	0.20 =	1.40Cum	
RHS	2	30.00	0.15	0.30 =	2.70Cum	
	2	30.00	0.15	0.25 =	2.25Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	LHS	2	11.00	0.15	0.45	= 1.49 Cum	
		2	30.00	0.15	0.45	= 4.05 Cum	
		2	30.00	0.15	0.30	= 2.70 Cum	
		2	11.00	0.15	0.35	= 1.16 Cum	
	Road Side	2	30.00	0.45	0.15	= 4.05 Cum	CRC
		2	30.00	0.45	0.15	= 4.05 Cum	
		2	23.40	0.45	0.15	= 3.16 Cum	
		2	30.00	0.45	0.15	= 4.05 Cum	
		2	30.00	0.45	0.15	= 4.05 Cum	
		2	11.00	0.45	0.15	= 1.49 Cum	
					Total =	66.77 Cum	
	Exe Engr. Stp. Dn.	Qty identified to tender =				66.50 Cum	
		@ Rs 6464.88				Rs	430302.00

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No. .....
of work .....
of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work	Nu
2	
Providing granite slabs fixed in cement mortar 10cms thick	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
11.00	0.15	0.45	= 1.49 cum	
30.00	0.15	0.45	= 4.05 cum	
30.00	0.15	0.30	= 2.70 cum	
11.00	0.15	0.35	= 1.16 cum	
30.00	0.45	0.15	= 4.05 cum	
30.00	0.45	0.15	= 4.05 cum	
23.40	0.45	0.15	= 3.16 cum	
30.00	0.45	0.15	= 4.05 cum	
30.00	0.45	0.15	= 4.05 cum	
11.00	0.45	0.15	= 1.49 cum	
	Total =		66.77 cum	
Idmited to tender =			66.56 cum	
RS 6464.88			RS	430302.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 192341

No. .....

e of work ..... From ..... To .....

e of Contractor of nature of Agency.....

of commencement of work.....

	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2)	providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing cutting etc complete 10cms thick	2	30.00		0.90 =	54.00 SFt	
		2	30.00		0.90 =	54.00 SFt	
		2	23.40		0.90 =	42.12 SFt	
		2	30.00		0.90 =	54.00 SFt	
		2	30.00		0.90 =	54.00 SFt	
		2	11.00		0.90 =	19.80 SFt	
					Total =	277.92 SFt	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty ~~ordered~~ to ~~tender~~ = 275.40 Sqm					
		@ RS 579.96				RS 159721.00	
		N.B.B.					
	6) Providing chamfering edges to stone slab 2.5cms wood as per specifications (only chamfered length shall be recorded)						
		686	2.70			= 1852.20mtr	
		Qty ~~ordered~~ to ~~tender~~				= 1836.00mtr	
		@ RS 28.40				RS 52142.00	
		N.B.B.					

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e of Contractor of nature of Agency.....
e of commencement of work.....

e	Full description, etc, of work	Nu
	2	
	7) Providing two line dr masonary as per Spe	

UREMENT BOOK

ber	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measure 8
	qty worked to Tender = 275.40 Sqm				
	@ Rs 579.96			Rs 159721.00	
				ನ. ಅ. ಅ.	
	to stone slab 2.50ms wood as per				
	red length shall be recorded)				
6	2.70		= 1852.20mtr		
	worked to Tender =		1836.00mtr		
	@ Rs 28.40			Rs 52142.00	
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M. A. R. 57 (Rule 116)
Measurement Book

No. B 192342

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Providing two line dressing to granite stone slab/granite stone masonary as per specifications.	2	30.00		0.90 =	54.00 Sqm	
	2	30.00		0.90 =	54.00 Sqm	
	2	23.40		0.90 =	42.12 Sqm	
	2	30.00		0.90 =	54.00 Sqm	
	2	30.00		0.90 =	54.00 Sqm	
	2	11.00		0.90 =	19.80 Sqm	
				Total =	277.92 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty limited to tender =				275.40 Cum	
		@ Rs 653.40				Rs 179946.00	
	8) Lead for Disposal of debris shall be payable at carriage rates by Mechanical means including loading and unloading From 0.00 to 2.00 Km						
	Qty vide Item no-1 =					120.49 Cum	
	@ Rs 72.71					Rs 8761.00	
	9) Sub Total					Rs 1070950.00	

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e of commencement of work.....

ate	Full description, etc, of work	Num
	2	3
	10) K.R.I.D.L charges @ 1	
	11) QC charges @ 1%	
	(Rupees Eleven lakhs Sixty five only)	

MENT BOOK

Dimensions			Contents	Reference to last Measure
Length 4	Breadth 5	Depth 6	7	8
mated to tender =			275.40 Sqm	
RS 653.40			RS 1799 46.00	
			ಸ.ಕಾ.ಅ.	
shall be payable at carriage				
including loading and unloading				
Item no-1 =			120.49 Qtm	
72071			RS 8761.00	
			RS 1070950.00	
			ಸ.ಕಾ.ಅ.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192343

No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency.....
of commencement of work.....

	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	K.R.I.D.L Charges @ 1L+					RS 117805.00	
	QC Charges @ L+					RS 1070.00	
						Total RS 1199465.00	
							1188820=00
	(Rupees Eleven Lakhs ninety nine thousand four hundred Sixty five only)	C&FC					

Zadhav
AE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರಿಗೆ
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಗುಲಬರ್ಗಾ ವಲಯ.

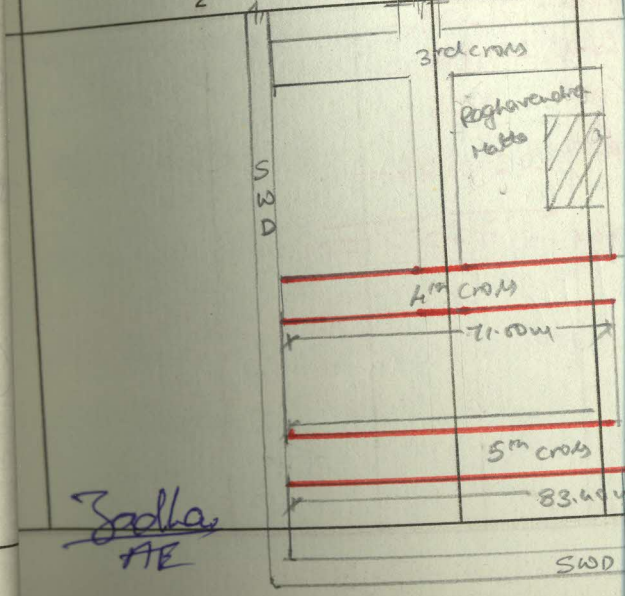
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to la Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate;						
	certified that the above work done Satisfactory and no materials issued from department						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97.					Zadhav AE	

M. A. R. 57
Measurer

No. ..... From .....
of work .....
of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work	Number	Le
2	3	



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Date	Full description, etc, of work	Dimensions			Contents	Refere to le Measure
		Length	Breadth	Depth		
1	2	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 1188820=00					
	ಗಳಿಸಿಪಾಸ್ಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 176382=00					
	ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು					
	ರೂ 1012438=00					
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಬಾಗದೆ					
	ಲೆಕ್ಕಾಧಿಕಾರಿ					
	ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ					
	ಬೆ ಮ ಪಾ					

IT – 23776 –
VAT – 47553 –
Fso – 71329 –
Cwc – 11889 –
Cess – 11889 –
Roy – 20646 –
Total – 176382=00

7/1/16.

First & Final Bill

BR. 100/31-5-

No.

e of work ... Providing Coverin... Layout in Wa...

e of Contractor of nature of Agency.....

e of commencement of work.....

e	Full description, etc, of work
	2
	Work Code no; 0
	Work order no; EE
	Head of Account;
	Address of Agency;